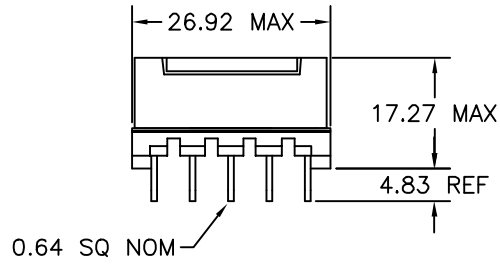
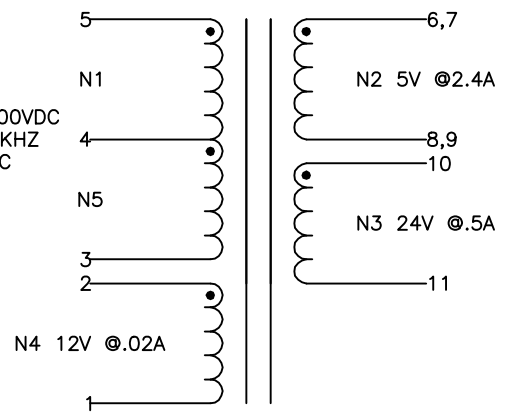


1 2 3 4 5 6

A

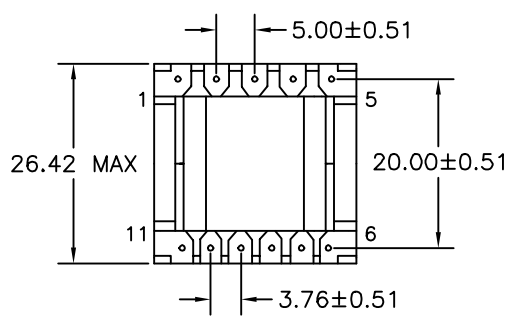


B



100-400VDC
@ 100KHZ
50% DC

C



D

NOTE:
POLARITY SHOWN IS FOR THE
TRANSFORMER. FOR CORRECT
FLYBACK OPERATION CONNECT
B+ TO PIN 3.

E

ELECTRICAL SPECIFICATIONS

L @ 1kHz 10mA - (5-3) 1.10mH ±10%

LL @ 100kHz 10mA - (5-3) 6.9µH TYP, TOL TBD
(WITH 1,2,6-11 SHORTED)

URNS RATIO - ±3%
N1/N5:N2 - 1:0.045
N1/N5:N3 - 1:0.197
N1/N5:N4 - 1:0.106

DCR - OHMS TYP, TOL TBD
N1/N5 - 0.919
N2 - 0.008
N3 - 0.058
N4 - 0.101

HIPOT - 4000VAC 1SEC
N1,N4,N5 TO N2,N3

NOTE:
MEETS CONSTRUCTION FOR:
UL 1310, 1950, 1411
EN60950

H

REVISION		DATE	MARKINGS CRAMER DATE CODE CVP 53-007	LOCATION PIN RAIL SIDE OF CORE	
O	PRELIMINARY	05/14/03			
A	RELEASED	05/19/03	DESCRIPTION VIPER 53 FLYBACK XFMR 5,24	TOLERANCE UNLESS OTHERWISE SPECIFIED 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 FRACTIONS ±1/64 ANGLES ±1/2°	PROPRIETARY INFORMATION PROPERTY OF CRAMER COIL & TRANSFORMER CO. DUPLICATION AND/OR DISTRIBUTION BY PERMISSION ONLY
B	PIN SIZE WAS 0.031 DIA NOM	05/22/03	CUSTOMER		
C	N3 RATIO WAS 0.212, UPDATED LL AND DCR'S	06/03/03			
D	UPDATED PIN TO PIN & ROW TO ROW DIMENSIONS	07/01/03			
E	ADDED NEW BOBBIN	02/26/04	G:\DATAS\ECS\ENG\CVP\53-007	CUSTOMER PART NUMBER	REV
			DR. MEC	DATE 05/14/03	
			APPD. JDB	DATE 05/19/03	
				CRAMER PART NUMBER CVP 53-007	REV E

1 2 3 4 5 6

A

B

C

D

E

F

G

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J